800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL

Option #8: SWBT performs SSP function for LSP end office and bills query charge to the appropriate Interexchange Carrier. SWBT performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to LSP.

Option #9: SWBT performs SSP function for LSP end office. LSP performs billing of query charge to the appropriate Interexchange Carrier. SWBT performs recording at the SSP for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to LSP. SWBT performs recording at the SCP for query billing purposes only, assembles and edits this data, creates SCP records and forwards SCP records to LSP.

Option 10: SWBT performs SCP function for LSP. SWBT performs recording at the SCP, assembles and edits this data, creates SCP records and forwards SCP records to LSP.

TERMINATING RECORDINGS - IXC TRANSPORTED ACCESS USAGE RECORDS

Option 11: SWBT provides tandem function for LSP. LSP requests SWBT to provide all Feature Group B, Feature Group C and Feature Group D terminating usage recordings including Feature Group B over D and Feature Group C over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.

Option 12: SWBT provides tandem function for LSP. The LSP requests SWBT to provide all Feature Group B terminating usage recordings excluding B over D. SWBT creates terminating AURs for this data and forwards AUR records to LSP.

Option 13: SWBT provides tandem function for LSP. LSP requests SWBT to provide all Feature Group B terminating usage recordings including Feature Group B over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.

Option 14: SWBT provides tandem function for LSP. LSP requests SWBT to provide all Feature Group D terminating usage recordings including B over D and C over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.

Option 15: SWBT provides tandem function for LSP. The LSP requests SWBT to provide all Feature Group D terminating usage recordings including B over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.

MESSAGE PROVISIONING:

Option 16: SWBT will forward all IXC transported message detail records or access usage records to LSP generated internally within SWBT system or received via CMDS from an Interexchange Carrier or another Local Exchange Carrier telephone

company. LSP forwards rated IXC transported message detail or access usage detail to SWBT for distribution to the appropriate billing company through SWBT's internal network or using the CMDS network.

APPENDIX RECORDING
EXHIBIT I

SERVICES and ASSOCIATED CHARGES

ORIGINATING 1+ DDD RECORDINGS
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

SERVICE OPTION NUMBER	Recording	Assembly & Editing	Rating	Message Processing	Provision of Message Detail	Source Information
1	A	B	C	D	E	N/A
2	A	B		D	E	N/A
3	A	B		D	E	N/A

APPENDIX RECORDING
EXHIBIT I

SERVICES and ASSOCIATED CHARGES

ORIGINATING OPERATOR RECORDINGS
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

SERVICE OPTION NUMBER	Recording	Assembly & Editing	Rating	Message Processing	Provision of Message Detail	Source Information
4	A	B		D	E	
5	A	B		D	E	
6		B		D	E	F1 or F2
7		B	C	D	E	

APPENDIX RECORDING
EXHIBIT I

SERVICES and ASSOCIATED CHARGES

800 SERVICE RECORDINGS
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

SERVICE OPTION NUMBER	Recording	Assembly & Editing	Rating	Message Processing	Provision of Message Detail	Source Information
8	A	B		D	E	
9	A	B		D	E	
10	A	B		D	E	

APPENDIX RECORDING
EXHIBIT I

SERVICES and ASSOCIATED CHARGES

TERMINATING RECORDINGS
IXC TRANSPORTED ACCESS USAGE RECORDS

SERVICE OPTION NUMBER	Recording	Assembly & Editing	Rating	Message Processing	Provision of Message Detail	Source Information
11	A	B		D	E	
12	A	B		D	E	
13	A	B		D	E	
14	A	B		D	E	
15	A	B		D	E	

APPENDIX RECORDING
EXHIBIT I

SERVICES and ASSOCIATED CHARGES

MESSAGE PROVISIONING
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

SERVICE OPTION NUMBER	Recording	Assembly & Editing	Rating	Message Processing	Provision of Message Detail	Source Information
16					E*	

*Charging for this option is not applicable under this Agreement if Contracting Company has also signed the Hosting Agreement with Southwestern Bell.

APPENDIX RECORDING
EXHIBIT II
SELECTED SERVICE OPTIONS
AND
METHOD OF PROVISION

EFFECTIVE:_____

Attached to and made a part of the RECORDING, MESSAGE PROCESSING AND PROVISION OF INTEREXCHANGE CARRIER TRANSPORTED MESSAGE DETAIL AGREEMENT effective _____, 19____, between Southwestern Bell Telephone Company and _____.

The service options and method of provision selected by the LSP under this Appendix are as indicated on page 2, attached, of this Exhibit II. Numerical references are to service options shown in Exhibit I.

Approved and executed the _____ day of _____, 19____.

_____

_____

By: _____
(Title)

SOUTHWESTERN BELL TELEPHONE COMPANY

By: _____
(Title)

APPENDIX RECORDING
EXHIBIT II

SELECTED SERVICE OPTIONS AND METHOD OF PROVISION

EFFECTIVE DATE: _____

	1+ DDD Options			Operator Handled Options				800 Service Options			Terminating AUR Options					Message Provisioning Options
NPA/NXX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Numerical references are to specific service options listed in Exhibit I.

APPENDIX RECORDING
EXHIBIT II

SELECTED SERVICE OPTIONS AND METHOD OF PROVISION

EFFECTIVE DATE: _____

	1+ DDD Options			Operator Handled Options				800 Service Options			Terminating AUR Options					Message Provisioning Options
NPA/NXX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Numerical references are to specific service options listed in Exhibit I.

APPENDIX RECORDING
EXHIBIT II

SELECTED SERVICE OPTIONS
AND METHOD OF PROVISION

EFFECTIVE DATE: _____

METHOD OF PROVISION:

Circle One: **Data File** **9 Track Magnetic Tape** **18 Track Magnetic Tape**

APPENDIX RECORDING
EXHIBIT III-A

BASIS OF COMPENSATION

EFFECTIVE: _____

LSP shall pay SWBT the following amounts for services provided under the Recording, Message Processing and Provision of Message Detail Appendix.

TYPE OF ACTIVITY	RATE
A. Recording	
Per AUR	$ .0100
B. Assembly and Editing	
Per Message and/or AUR	$ .0050
C. Rating	
Per Message	$ .0050
D. Message Processing	
Per Message and/or AUR	$ .0050
E. Provision of Message Detail	
Per Record	$ .0030
F. Source Information Provided	
1. Per Record Purchased - Meet Point Bill Applicable	$ .0115
2. Per Record Purchased - Meet Point Bill Not Applicable	$ .0230

APPENDIX RECORDING
EXHIBIT III-B

INVOICE DESIGNATION

COMPANY NAME: _____

EXCHANGE COMPANY I.D. NUMBER (OCN): ___ ___ ___ ___

BILLABLE INVOICE INTERVAL:

Check One:

☐ Daily (Full Status RAO Companies will receive billable messages daily.)

☐ Bill period (A maximum of five dates may be chosen.) A file is created five workdays from each bill period date, and three additional days should be allowed for distribution. Circle a maximum of five bill period dates:

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

TAPE MAILING ADDRESS:
(Full RAO Companies will receive AURs at the same address as billable message toll.)

_____

_____

_____

_____

AUR INVOICE INTERVAL:

Check One:

☐ Daily (Full Status RAO Companies will receive AURs daily.)

☐ Bill period (A maximum of five dates may be chosen.) A file is created five workdays from each bill period date, and three additional days should be allowed for distribution. Circle a maximum of five bill period dates:

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

TAPE MAILING ADDRESS:
(Full RAO Companies will receive AURs at the same address as billable message toll.)

_____

_____

_____

_____

PROVISION OF AUR SOURCE INFORMATION

This Exhibit sets forth the terms and conditions under which SWBT will provide Access Usage Record (AUR) data pertaining to the following types of Interexchange Carrier (IXC) transported usage originating from the LSP exchanges in situations where SWBT, in order to have information required to create such AUR source data, must either purchase data from an outside vendor or use data available at the operator switch of SWBT when SWBT provides local/intraLATA operator services for LSP:

0+ AT&T Transported Call Type (0+)

This type of 0+ call is a call which (1) originates from one of LSP's exchanges, (2) is transported by AT&T, (3) is rated by AT&T, and (4) is placed by an LSP's subscriber dialing 0+NPA+NXX+LINE or by dialing either 10+CIC+0+NPA+NXX+LINE or 10CIC+0+NXX+LINE, where the CIC is AT&T's Carrier Identification Code.

0- IXC Transported Call Type (0-)

This type of 0- call is a call which (1) originates from one of LSP's exchanges, (2) is transported by any IXC whose facilities are accessed through the use of SWBT's 0- Transfer Service, and is placed either by (3) an LSP's subscriber dialing 0 and subsequently being transferred by LSP's local/intraLATA operator service provider to an IXC operator for placement and completion of the call, or by (4) LSP's subscriber dialing 00 and being connected to an IXC's operator for placement and completion of the call.

0- AT&T Transported Call Type (0-)

This type of 0- call is a call which (1) originates from one of the LSP's exchanges, (2) is transported by AT&T, (3) is rated by AT&T, and either (4) is placed by an LSP's subscriber dialing 0 and subsequently being transferred by the LSP's local/intraLATA operator service provider to an AT&T operator for placement and completion of the call, or (5) where equipment and facilities permit, is placed by the LSP's subscriber dialing 00 and being directly connected to an AT&T operator for placement and completion of the call.

International Operating Center AT&T Transported Call Type (IOC)

An IOC call is a call which (1) originates from one of the LSP's exchanges, (2) is transported by AT&T, (3) is handled at an AT&T International Operating Center, (4) is rated by AT&T, and (5) is placed by an LSP's subscriber either dialing 01 or 011 before the international telephone number, or (6) dialing either 0 or 00 and being transferred to an AT&T IOC for the placement and completion of the call.

Coin Sent Paid AT&T Transported Call Type (CSP)

A Coin Sent Paid call is a call which (1) originates from a public coin telephone located in any of the LSP's exchanges where the person placing the call pays for the call by inserting coins into the public coin telephone from which the call originates, (2) is transported by AT&T, (3) is recorded by an AT&T Operator Service Position (OSPS), and (4) is rated by AT&T.

CAMA AT&T Transported Call Type (CAMA)

A Centralized Automatic Message Accounting (CAMA) call is a call which (1) originates from one of the LSP's exchanges, (2) is transported by AT&T, and either (3) is recorded at an AT&T OSPS because Operator Number Identification (ONI) of the calling party's telephone number is required due to equipment or facility constraints, or (4) is recorded at an AT&T OSPS due to a failure of an originating end office to record the Automatic Number Identification (ANI) of the calling party for direct dialed customer calls.

In situations where SWBT must purchase source data from an outside vendor in order to provide AUR data for LSP in those instances where Meet Point Billing is applicable between LSP and SWBT, a separate charge will be applicable in accordance with Exhibit III F. 1. This election is indicated below by the placement of a **"P"** (Purchase) by LSP under each applicable type of AUR Information Call listed.

In situations where SWBT must purchase source data from an outside vendor in order to provide AUR data for the LSP in those instances where Meet Point Billing is not applicable between the LSP and SWBT, a separate charge will be applicable in accordance with Exhibit III F.2. This election is indicated below by the place of a **"P"** (Purchase) by LSP under each applicable type of AUR Information Call listed.

In situations where SWBT has source information available from SWBT data and the LSP requests SWBT to use such source information, this election is indicated below by the placement of an **"S"** (SWBT Switch Record) under each applicable type of AUR Information Call listed, and LSP agrees to pay SWBT the applicable charges as set forth in Exhibit III.

In situations where LSP does not wish to be provided any AUR source data for one of more of the call types listed below, this election should be indicated by the placement of an "N" (None) under each applicable type of AUR Information Call listed. There is no charge for this election.

LSP desires SWBT to provide AUR data pertaining to the types of AT&T and/or other IXC transported usage, as specified below, originating from the following NPA/NXXs. The appropriate Source Information Provided charge will apply as set forth in Exhibit III-A.F.

		TYPE OF AUR INFORMATION CALL					
NPA/NXX	EXCH NAME	0+	0-	CAMA	IOC	CSP	RAO CODE

LSP shall provide SWBT written notice concerning any NPA/NXXs which LSP may add, delete or change in its operating territory as well as the specific types of AUR data required by LSP for each of such NPA/NXXs. LSP will provide such written notice to SWBT at least sixty (60) days prior to the effective date of any such addition, deletion or change. If SWBT does not receive at least sixty (60) days notice, it cannot ensure timely provision of AUR data pertaining to the affected NPA/NXXs.

APPENDIX BCR

AUGUST 1996

APPENDIX BCR
BILLING, COLLECTING AND REMITTING APPENDIX

This Appendix sets forth the terms and conditions that apply to those telecommunications services for which charges are billed and collected by one Local Exchange Carrier (LEC) but earned by another LEC; and to establish procedures for the billing, collecting and remitting of such charges and for compensation for the services performed in connection with the billing, collecting and remitting of such charges.

I. DEFINITIONS

A. BellCore Client Company Calling Card and Third Number Settlement (BCC CATS) System - Nationwide system used to produce information reports that are used in the settlement of Local Exchange Carrier (LEC) revenues recorded by one BCC (or LEC) and billed to an end user of another BCC (or LEC) as described in accordance with the BellCore Practice BR 981-200-110.

B. Charges - the amount approved or allowed by the appropriate regulatory authority to be billed to an end user for any of the services described in Section II., rendered by a LEC to an end user.

C. Compensation - the amount to be paid by one Party to the other Party for billing, collecting and remitting of charges as set forth in Section IV.

D. IntraLATA - within a Local Access and Transport Area (LATA) - IntraLATA messages are those messages, either intrastate or interstate, which originate and terminate within a LATA. The term "IntraLATA messages," as used herein, shall only include those that qualify for the BellCore Client Company BCC CATS process.

E. InterLATA - between Local Access and Transport Areas (LATAs) as defined in the FCC's CC Docket No. 78-72. InterLATA messages are those messages which originate in one LATA and terminate in a different LATA. The term "InterLATA messages" as used herein, shall only include those that qualify for the BellCore Client Company BCC CATS process.

F. Local Exchange Carrier (LEC) - as used in this Appendix shall mean those Local Exchange Carriers or Local Service Providers using BCC CATS as a message tracking system.

G. Local Message - Local messages are those messages which originate and terminate within the area defined as the local service area of the station from which the message originates.

H. Revenues - the sum of all or part of the charges as defined above.

II. SCOPE OF APPENDIX

This Appendix shall apply to procedures for the billing, collecting and remitting of revenues (and compensation to either Party for billing, collecting and remitting of such revenues) derived from the following services:

1) LEC-carried (traffic transported by facilities belonging to a LEC) local messages of the following types:

   a. Local Message Service Charges Billed to a Calling Card or to a Third Number.

   b. Directory Assistance Calls Charged to a Calling Card or to a Third Number.

   c. Public Land Mobile Radiotelephone Transient-Unit Local Message Service
   (Mobile Channel Usage Link Charge).

   d. Maritime Mobile Radiotelephone Service and Aviation Radiotelephone Service (Marine, Aircraft, High Speed Train Radio Link Charges).

2) LEC-carried Interstate IntraLATA and Interstate InterLATA telecommunications services that qualify for and flow through the BCC CATS process as addressed in the BellCore Practice BR 981-200-110, of the following types:

   a. Interstate IntraLATA Toll Service carried by an LEC and charged to a Calling Card or a Third Number.

   b. Interstate InterLATA Toll Service carried by an LEC and charged to a Calling Card or a Third Number.

   c. Radio Link Charges where service is provided by one LEC and billed by another LEC.

III. RESPONSIBILITIES OF THE PARTIES

A. LSP agrees to bill, collect and remit to SWBT the charges for the services described in Section II. which are provided by any LEC (including SWBT), to be billed to end users of the LSP.

B. In those cases in which the charges for the services listed in Section II. are due any LEC other than SWBT, SWBT will arrange to transfer these charges to the appropriate company in accordance with accepted industry standards.

C. Charges for the services listed in Section II. which are to be billed, collected and remitted by LSP shall be remitted by LSP to SWBT within 30 days of the date of the bill.

D. SWBT agrees to bill, collect and remit to LSP the charges for the services described in Section II. provided and earned by LSP when charges are to be billed by another LEC (including SWBT) to its respective end users.

E. Charges for the services listed in Section II. to be billed, collected and remitted by SWBT or any other LEC shall be remitted by SWBT to the LSP within 30 days of the date of the bill.

F. The full amount of the charges transmitted to either Party for billing, collecting and remitting shall be remitted by the Party whose end users are being billed, without setoff, abatement or reduction for any purpose, other than to deduct the compensation, as described in Section IV, due the Party for performing the end user billing function. The Party billing the end user shall be responsible for all uncollectible amounts related to the services described in Section II.

G. Each Party will furnish to the other such information as may be required for monthly billing and remitting purposes.

IV. COMPENSATION

Each Party will compensate the other Party in the amount of $.08 for each charge billed for any service described in Section II. 1) by a billing Party and subsequently remitted by such billing Party to the other Party hereto. Each party will compensate the other Party in the amount of $0.05 for each charge billed for any service described in Section II. 2) by a billing party and subsequently remitted by such billing Party to the other Party hereto. Such compensation shall be paid (unless a Party has collected such compensation as described in Section III.F. above) within 30 days of the date of a bill for such compensation by the Party performing the billing, collecting and remitting functions described in Section III.

APPENDIX NIM

AUGUST 1996

Appendix NIM

The network interconnection methods (NIMs) are defined in this Appendix. These include: Mid-Span Fiber Interconnection; Virtual Collocation Interconnection; SONET Based Interconnection; Physical Collocation Interconnection and Leased Facility Interconnection.

In general, each Party is responsible for transporting their interconnec
tion trunks as defined in Appendix DCO. When direct end office trunks are required, SWBT agrees to provide the transport from the SWBT tandem location to the SWBT end office, unless the LSP is physically collocated at that SWBT end office. The LSP will be required to transport the direct end office trunks from the SWBT tandem to the LSP switch. When the LSP has physical collocation, the LSP agrees to transport the direct end office trunks over their physical collocation facilities to the LSP switch.

MID-SPAN FIBER INTERCONNECTION (MSFI)

MSFI between Southwestern Bell Telephone (SWBT) and a local service provider (LSP) can occur at any mutually agreeable, economically and technically feasible point between the LSP's premises and a SWBT tandem or end office. This interconnection shall be on a point-to-point SONET system over single mode fiber optic cable.

MSFI may be used to provide interoffice trunking for the purpose of originating and terminating calls between the LSP and SWBT and to transport unbundled loops from the Designated Connecting Office (DCO) to the LSP location. Charges for transporting and connecting unbundled loops from a SWBT end office to the DCO are detailed in Appendix UNC.

There are two basic mid-span interconnection designs:

1. The LSP's fiber cable and SWBT's fiber cable are connected at an economically and technically feasible point between the LSP location and the last entrance manhole at the DCO.

    A. Where possible, a location with access to an existing SWBT fiber termination panel should be selected. In these cases, the network interconnection point (NIP) shall be designated outside of the SWBT building, even though the LSP fiber may be physically terminated on a fiber termination panel inside of a SWBT building.

    B. If a suitable location with an existing fiber termination panel cannot be agreed upon, the LSP and SWBT shall mutually determine provision of a fiber termination panel housed in an outside, above ground, cabinet placed at the physical NIP. Ownership and the cost of provisioning the panel will be negotiated between the two parties.

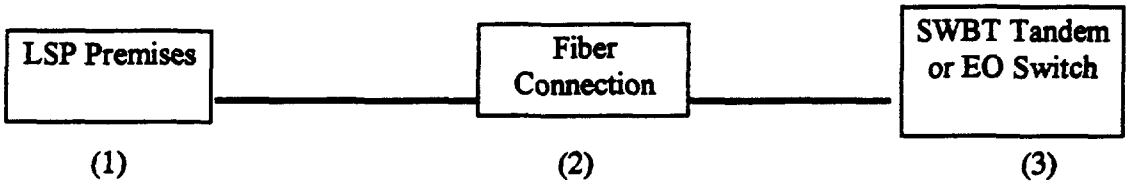
2. The LSP provides fiber cable to the last entrance manhole at the SWBT tandem or end office switch with which the LSP wishes to interconnect. The LSP provides a sufficient length of fiber optic cable for SWBT to pull the fiber cable to the SWBT cable vault for

termination on the SWBT fiber distribution frame(FDF). In this case the NIP shall be at the manhole location.

SWBT is responsible for designing, provisioning, ownership and maintenance of all equipment and facilities on its side of the NIP. Similarly, the LSP is responsible for designing, provisioning, ownership and maintenance of all equipment on its side of the NIP. Each party is free to select the manufacturer of its Fiber Optic Terminal (FOT). Neither party is allowed to access the Data Communication Channel (DCC) of the other Party's FOT.

Negotiations shall be held to determine the precise terms of mid-span interconnection for each DCO. These negotiations will cover the technical details of the interconnection as well as other network interconnection, provisioning and maintenance issues.

Following is a drawing that describes the two basic mid-span interconnection designs:



(1) The LSP location includes FOTs, multiplexing and fiber required to take the optical signal handoff from SWBT for trunking or transport of unbundled loop traffic.

(2) The fiber connection point may occur at several locations:

- A location with an existing SWBT fiber termination panel. In this situation, the NIP shall be outside the SWBT building which houses the fiber termination panel.
- A location with no existing SWBT fiber termination panel. In this situation, SWBT and the LSP shall negotiate provision, maintenance and ownership of a fiber termination panel and above ground outside cabinet as a NIP and for connection of the fiber cables.

- A manhole outside the DCO. In this situation, the LSP shall provide sufficient fiber optic cable for SWBT to pull the cable into the SWBT cable vault for termination on the SWBT FDF. The NIP shall be at the manhole and SWBT shall assume ownership and maintenance responsibility for the fiber cabling from the manhole to the FDF.

(3) The SWBT tandem or end office switch includes all SWBT FOT, multiplexing and fiber required to take the optical signal hand-off provided from the LSP for trunking or transport of unbundled loop traffic. This location is SWBT's responsibility to provision and maintain.